

# ROLAND VG-99 TRAINING GUIDE



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## **1. FEATURES**

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- The ultimate modeling guitar processor
- Two discrete COSM guitar signal paths: each models guitars, basses, synth waves, amps, effects, and mixers
- Either or both signal paths can be used at the same time
- Switching can be by onboard controllers, footswitches, picking dynamics, or all of these
- Ten polyphonic pitch shifters: five for each signal path
- Two GT-Pro equivalent effects processors
- Converts guitar to MIDI and USB audio
- D-Beam and ribbon controller plus dynamic input sensing for unique performance capabilities
- Unequalled real time control: up to 18 parameters can be controlled by any one of up to 20 VG controllers at one time
- Stereo 1/4" outs, plus stereo XLR sub outs w/ ground lift, USB, SP/DIF, and MIDI I/O
- Table top, Rack mountable, or stand mountable
- Bundled with Mac/PC Editor /Librarian software
- Works with FC-300 MIDI Foot Controller
- MAP \$1,499, MSRP \$1,699

## **2. QUICK DEMO**

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The Roland Quick Demo is a way to get a customer interested in a product in less than 60 seconds.

### ***Before You Start***

#### **STEP ONE-Connect the VG-99**

##### If you have a PA or studio playback system

1. Connect the Left and Right MAIN or SUB OUTPUTS of the VG-99 to two channels of the PA.
2. Set the PA's EQ controls for a flat response.
3. Press GLOBAL.
4. Press the F4 button or turn the F4 knob to select LINE/PHONES.
5. Press EXIT.

##### If you only have a guitar amp:

1. Connect the MONO MAIN OUTPUT of the VG-99 to a clean channel of the amp.
2. Set the EQ of the amp to a flat response.
3. Press GLOBAL.
4. Press the F4 button or turn the F4 knob to select COMBO AMP.
5. Press EXIT.

##### If you are using headphones:

1. Press GLOBAL.
2. Press the F4 button or turn the F4 knob to select LINE/PHONES.
3. Press EXIT.

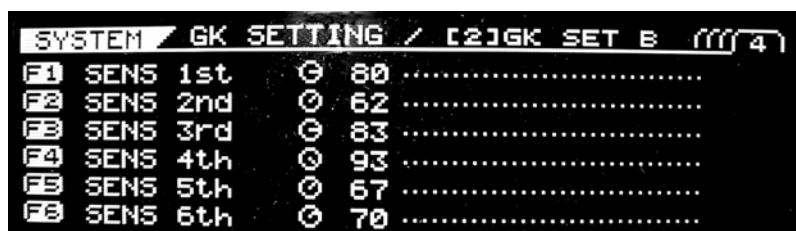
#### **STEP TWO: Set the Sensitivity**

This is the most important procedure of the VG-99. Setting sensitivity adjusts how the VG-99 responds to how you play; it's much like getting a level when recording.

1. Connect a divided pickup equipped guitar (Fender Roland Ready Strat, Brian Moore i-guitar, Godin with Synth Access, or other) to the VG-99 via the included 13-pin cable.
2. Press SYSTEM.

3. Press F3.
4. Press PAGE RIGHT once.
5. Press F1 or turn the F1 knob to select the type of divided pickup you are using: GK-3, piezo, etc.
6. Press F2 or turn the F2 knob to select ST if you are using a Strat or LP if you are using a guitar with a Gibson scale.
7. Press PAGE RIGHT to select PAGE 4: SYSTEM GK SETTING.

You will see this screen:



8. Set the Input Sensitivity:
  - a. Play an open string hard. You will see a row of LEDs light up in the display.
  - b. Use the corresponding Function knob to adjust the sensitivity of the string so that all the LCD's light only on the very hardest note.
  - c. Repeat for the other five strings.
  - d. When you are finished, Press EXIT.

## QUICK DEMO ONE

1. Rotate the PATCH/VALUE dial to select P 202 Fat LP.



2. Play some heavy chords, then while holding a chord, wave the neck of the guitar or your hand over the D-Beam.



3. Press the Ribbon Controller PITCH button.



4. Play some more chords, then hold a chord and slide your finger up the Ribbon Controller.



## **QUICK DEMO TWO**

1. Turn the PATCH/VALUE Dial to select P240: Dyna AG.
2. Play the sound softly.
3. Play the sound hard to blend in the higher sound by dynamics.

## **QUICK DEMO THREE**

1. Turn the PATCH /VALUE Dial to select P207: DADGAD 12-String
2. Play this sound with open strings to show the multiple polyphonic pitch shifters

## **NOTES**

### ***3. FIVE FEATURES TO KNOW AND SHOW***

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1. Most powerful guitar processor in history
2. Dual COSM complete signal paths
3. Multiple polyphonic pitch shifters allow unique alternate tunings
4. Converts guitar to MIDI and to USB audio: control synth modules, soft synths, and record direct to computer audio all at the same time
5. D-Beam and ribbon controllers onboard for unique performance capabilities

### ***4. ACCESSORIES***

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1. Roland GK-3 Divided Pickup
2. Roland FC-300 Foot Controller
3. Roland RAD-99 Rack Adapter
4. Roland PDS-10 Stand
5. Roland CB-VG9 Carrying Bag
6. Roland EV-5 Expression pedal
7. 2 x BOSS FS-5U Foot Controllers
8. Roland PCS-31L insert cable

## 5. COSM GUITARS, AMPS, EFFECTS

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### ELECTRIC GUITARS

#### ORIGINAL

CLA-ST	vintage Fender Stratocaster
MOD-ST	modern Fender Strat w/ active PU
TE	vintage Fender Telecaster
LP	vintage sunburst Gibson Les Paul Standard
P-90	vintage gold Gibson Les Paul Special w/ P-90 PU
LIPS	vintage Danelectro w/ 3 lipstick PU
Rick	modern Rickenbacker 360
335	vintage red Gibson ES-335
L4	vintage sunburst Gibson L4
VARI	user designable virtual guitar

### ACOUSTIC GUITARS

#### ORIGINAL

MA28	Martin D-28
TRP-0	Martin 00028
GB45	Gibson J-45
GB SML	Gibson B-25
GLD40	Guild D-40

### COSM AMPS

#### ORIGINAL

#### JC-CLEAN

JC-120	Roland JC-120
WARM CLEAN	Roland original clean amp with tube warmth
JAZZ COMBO	Polytone
FULL RANGE	Roland AC-100
BRIGHT CLEAN	Roland original clean amp w/strong highs

#### TW CLEAN

TW CLEAN	Fender Twin Reverb
PRO CRUNCH	Fender Pro Reverb
TWEED	Fender Bassman 410
WARM CRUNCH	Original crunch amp w/ tube warmth

#### CRUNCH

CRUNCH	Fender Twin Reverb mod'ed w/ master volume
BLUES	Modified Marshall Bluesbreaker
WILD CRUNCH	Original Crunch amp w/ very wide EQ range
STACK CRUNCH	Original amp stack w/ tube warmth

COMBO

VO DRIVE Vox AC-30TB  
VO LEAD Vox AC-30 TB w/ top boost on  
VO CLEAN Vox AC-30TB clean sound  
MATCH DRIVE Matchless DC/30 left input  
FAT MATCH Matchless DC/30 w/ mid boost  
MATCH LEAD Matchless CD/30 right input

BG LEAD

BG LEAD Mesa Boogie Studio Lead lead channel  
BG DRIVE Boogie Studio Lead OD sound  
BG RHYTHM Boogie Studio Lead clean channel  
SMOOTH DRIVE Original amp w/ smooth mids and tube warmth  
MILD DRIVE Original amp w/ light overdrive

MS STACK

MS 1959 (I) Marshall 1959 Plexi channel 1  
MS 1959 (II) Marshall Plexi channel 2  
MS 1959 (I+II) Plexi w/ channels connected in parallel  
MS HI-GAIN Modified Plexi w/ extra gain stage  
POWER STACK Original amp w/ tube stack sound

R-FIER

CLEAN Boogie Dual Rectifier channel 1 CLEAN mode  
RAW Dual Rectifier channel 2 RAW mode  
VINTAGE 1 Dual Rectifier channel 2 VINTAGE mode  
MODERN 1 Dual Rectifier channel 2 MODERN mode  
VINTAGE 2 Dual Rectifier channel 3 VINTAGE mode  
MODERN 2 Dual Rectifier channel 3 MODERN mode

T-AMP

CLEAN Hughes + Kettner Tri-amp channel 1  
CRUNCH Tri-amp channel 2  
LEAD Tri-amp channel 3  
EDGE LEAD Original full stack amp w/ strong highs

HI-GAIN

SLDN Soldano SLO 100  
DRIVE STACK Original hi-gain stack amp drive channel  
LEAD STACK Original hi-gain stack amp lead channel  
HEAVY LEAD Original lead amp w/ extreme distortion

**METAL**

5150 DRIVE	Peavey 5150 drive channel
METAL STACK	Original heavy metal amp drive channel
METAL LEAD	Original heavy metal amp lead channel
CUSTOM	User designable amp mods

**BASS AMP**

VINTAGE	Ampeg B-15 Portaflex
MODERN	SWR SM-400

**COSM SPEAKER CABINETS-GUITAR AMPS**

Original	The cabinet that comes with the amp
1 x 8"	Compact open back cabinet w/ 1 x 8" speaker
1 x 10"	Compact open back cabinet w/ 1 x 10" speaker
1 x 12"	Compact open back cabinet w/ 1 x 12" speaker
2 x 12"	Standard open back cabinet w/ 2 x 12" speaker
4 x 10"	Closed back 4 x 10" cabinet
4 x 12"	Standard 4 x 12" cabinet for 1/2 stack sound
8 x 12"	Two 4 x 12" cabs for full stack sound

**COSM SPEAKER CABINETS-BASS AMPS**

Original	The cabinet that comes with the amp
1 x 15"	Trace Elliot 1518
1 x 18"	SWR Big Ben
2 x 15"	Vintage Acoustic 402
4 x 10"	SWR Goliath
8 x 10"	Ampeg 810E

**COSM SPEAKER CABINET MICS**

DYN57	Shure SM-57
DYN421	Sennheiser MD-421
CND451	AKG C451B
CND87	Nuemann U87
FLAT	speaker cab sound uncolored by a mic

**EFFECTS**

**COMPRESSOR**

<u>COSM OD/DS</u>	<u>ORIGINAL</u>
BOOST	Original level boost pedal
Blues OD	BOSS BD-2 Blues Driver
CRUNCH	Combines overdrive w/ amp distortion
NATURAL OD	Original realistic natural OD
TURBO OD	BOSS OD-2 w/ Turbo on
FAT OD	Original mellow OD w/ distinct mids
OD-1	BOSS OD-1 Overdrive

T SCREAM	Ibanez TS-808 Tube Screamer
WARM OD	Original OD w/ accented mids
DIST	BOSS DS-1 Distortion
MILD DS	Original light DS
DRIVE DS	Strong DS good for rhythm
RAT	Proco RAT
GUV DS	Marshall Guvnor
DST +	MXR Distortion Plus
SOLID DS	Original DS w/ edgy tone
MID DS	Original DS w/ mid boost
STACK	Original fat DS combined with amp distortion
MODERN DS	Original DS w/ tube stack characteristics
POWER DS	Original DS effect: DS pedal in a stack amp sound
R-MAN	Scholz Rockman X-100
METAL ZONE	BOSS MT-2 Metal Zone
HEAVY METAL	BOSS HM-2 Heavy Metal
LEAD	Original DS w/ smooth attack and strong distortion
LOUD	Original DS w/ boosted lows
SHARP	Original DS w/ boosted highs
MECHANICAL	Original DS w/ boosted lows and highs
'60S FUZZ	Fuzzface
OCT FUZZ	Acetone Fuzz
MUFF FUZZ	Electro Harmonix Big Muff pi
CUSTOM	User designable OD/DS mods

### WAH

CRY WAH	Dunlop Crybaby
VO WAH	vintage Vox 846
FAT WAH	Morley Bad Horsie
LIGHT WAH	Original wah with smooth tone
7STR WAH	Original Wah tuned for 7stg range
RESO WAH	Original wah with accentuated harmonics
CUSTOM	User designable wah mods

### EQ

4 band w/ 2 parametric mids

### DELAY

#### SINGLE

PAN (ping-pong or tap delay)

STEREO (dry left, wet right)

DUAL-S (two different delays in series)

DUAL-P (two different delays in parallel)

DUAL L/R (two separate delays; delay 1 on left channel, delay 2 on right)

REVRSE (Reverse delay)

ANALOG BOSS DM3  
TAPE Roland RE-201  
WARP (simulates analog delay in self-oscillation)  
MOD (delay w/ modulation)  
HOLD (sound on sound)

**CHORUS**

MONO  
ST1 (chorus at both outputs)  
ST2 (dry left, wet right: CE-1 effect)

**REVERB**

AMB (room mic ambience)  
ROOM  
HALL 1  
HALL 2  
PLATE  
SPRING  
MOD (reverb w/ modulation)

**MOD 1/ MOD 2**

PHASER  
4-STG MXR Phase 90  
8-STG MXR Phase 100  
12-STG BOSS PH-3  
BI-PH Mutron Bi-Phase

FLANGR (Flanger)  
TREML (Tremolo)  
PAN  
T.WAH (Touch wah)  
AUTO WAH  
OCTAVE  
PITCH SHIFT  
HARMONIST (scale intelligent pitch shifter)  
PEDAL BEND  
2 x 2 CHORUS  
ROTARY Leslie 147  
Uni-V Univox Univibe  
VIB BOSS VB-2  
SLICER  
HUMANIZER  
SLOW GEAR  
DEFRET  
FEEDBACKER (modeled feedback)

RING MOD  
ANTI-FB (Anti-feedback)

ADV. COMP

BOSS COMP	BOSS CS-3
HI-BAND	Original compressor w/ boosted highs
LIGHT	Original compressor w/ gentle effect
D-COMP	MXR Dyna Comp
ORANGE	Vintage Orange Squeezer
FAT	Original compressor w/ boosted mids based on gain
MILD	Original compressor w/ high cut based on gain
STEREO COMP	Original stereo compressor

LIMITR (Limiter)

BOSS LIMITR	Original stereo limiter
RACK 160D	dbx 160X
VINTAGE RACK U	Urei 1178

SUB EQ (4-band w/ 2 parametric mids)

SUB DELAY

NOISE SUPPRESSOR

FOOT VOLUME

